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APPLICANTS Brent H. Daniel, Morrisville, NC; Timo J. Salo, Cary, NC; Kevin J. Williams, Colorado Springs, CO;				
** CONTINUING DATA *****				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 04/23/2004				
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Examiner's Signature <u>[Signature]</u> Initials <u>[Initials]</u>		INDEPENDENT CLAIMS 4		
ADDRESS A. Bruce Clay IBM Corporation T81/503 3039 Cornwallis Road Research Triangle Park, NC27709				
TITLE Macro-based dynamic discovery of data shape				
FILING FEE RECEIVED 1090	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	